

88768-9830	HDMI TO HDMI CABLE ASS'Y,5M	5000 ± 100	BLACK	7.3MM(TMDS - AWG#28)	887808610
88768-9820	HDMI TO HDMI CABLE ASS'Y,3M	3000 ± 80	BLACK	7.3MM(TMDS - AWG#28)	887808610
88768-9810	HDMI TO HDMI CABLE ASS'Y,2M	2000 ± 60	BLACK	7.3MM(TMDS - AWG#28)	887808610
88768-9800	HDMI TO HDMI CABLE ASS'Y,1M	1000 ± 30	BLACK	7.3MM(TMDS - AWG#28)	887808610
MX P/N	DESCRIPTION	LENGTH	CABLE COLOR	CABLE OD	CABLE P/N

ENTER DESCRIPTION EC NO: DG2006-0144 DRWN: JFZHENG CHKD: APPR: DQLUO		2005/12/27 2005/12/30 2006/01/16	DESCRIPTION	REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
							mm	INCH	DRAWN BY JFZHENG	DATE 2005/12/26	TITLE AWG28 HDMI TO HDMI CABLE ASS'Y				
						4 PLACES	± ---	± ---	CHECKED BY	DATE					
						3 PLACES	± ---	± ---	JFZHENG	2005/12/26					
					2 PLACES	± ---	± ---	APPROVED BY	DATE	MOLEX MOLEX INCORPORATED					
					1 PLACE	± ---	± ---	DQLUO	2005/12/26						
					ANGULAR ± ---°			MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			ENTER PART		SD-887689830		1 OF 00			
								SIZE A4	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

7 6 5 4 3 2 1

NOTE:

1. OVMOLD SPECIFICATION:

1.1 HDMI INNERMOLD WITH BK PVC 887800019.

1.2 HDMI OVERMOLD WITH PVC 887800150.

2. MECHANICAL SPECIFICATION:

CABLE SHOULD STAND THE PULL FORCE 89-111N FOR 30 SECONDS WITH NO VISIBLE TERMINATION DAMAGE.

3. PRODUCT ELECTRICAL SPECIFICATION:

3.1 DIELECTRIC STRENGTH.

3.2 INSULATION RESISTANCE

3.3 CONDUCTIVE RESISTANCE.

3.4 TMDS Signals Time Domain Impedence

3.5 TMDS Signals Time Domain Crosstalk:FEXT

3.6 TMDS Signals Skew

3.7 Attenuation(

REFER TO ES-002 ELECTRICAL SPECIFICATION FOR DETAILS.

4.CABLE CONSTRUCTION

(AWG#28*1P+D)*4 + AWG#28*1P + AWG#28*5C, 7.3MMOD

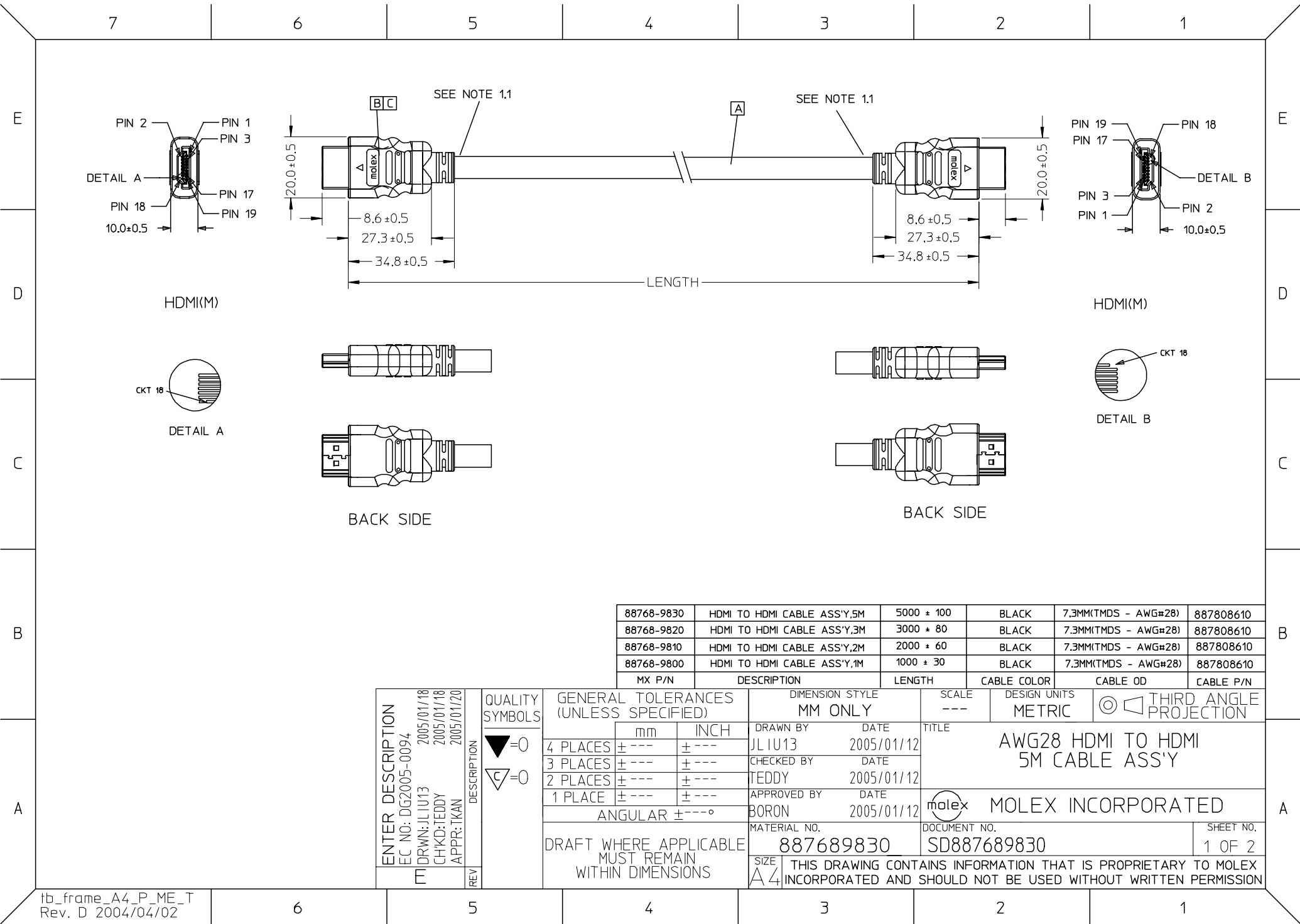
5. THIS PRODUCT MUST MEET ROHS COMPLIANCE.

WIRE DIAGRAM:

SHIELD	SHIELD	OVERALL SHIELD	GROUND
PIN 19	PIN 19	PINK	HOT PLUG DETECT
PIN 18	PIN 18	ORANGE	+5V POWER
PIN 17	PIN 17	YELLOW	DDC/CEC GROUND
PIN 16	PIN 16	WHITE	SDA
PIN 15	PIN 15	RED	SCL
PIN 14	PIN 14	VIOLET	RESERVED
PIN 13	PIN 13	GRAY	CEC
PIN 12	PIN 12	WHITE	TMDS CLOCK-
PIN 11	PIN 11	BRAID	TMDS CLOCK SHIELD
PIN 10	PIN 10	WHITE/BLACK	TMDS CLOCK+
PIN 9	PIN 9	WHITE	TMDS DATA 0-
PIN 8	PIN 8	BRAID	TMDS DATA 0 SHIELD
PIN 7	PIN 7	WHITE/BLUE	TMDS DATA 0+
PIN 6	PIN 6	WHITE	TMDS DATA 1-
PIN 5	PIN 5	BRAID	TMDS DATA 1 SHIELD
PIN 4	PIN 4	WHITE/GREEN	TMDS DATA 1+
PIN 3	PIN 3	WHITE	TMDS DATA 2-
PIN 2	PIN 2	BRAID	TMDS DATA 2 SHIELD
PIN 1	PIN 1	WHITE/RED	TMDS DATA 2+
HDMI	HDMI	COLOR	CABLE FUNCTION

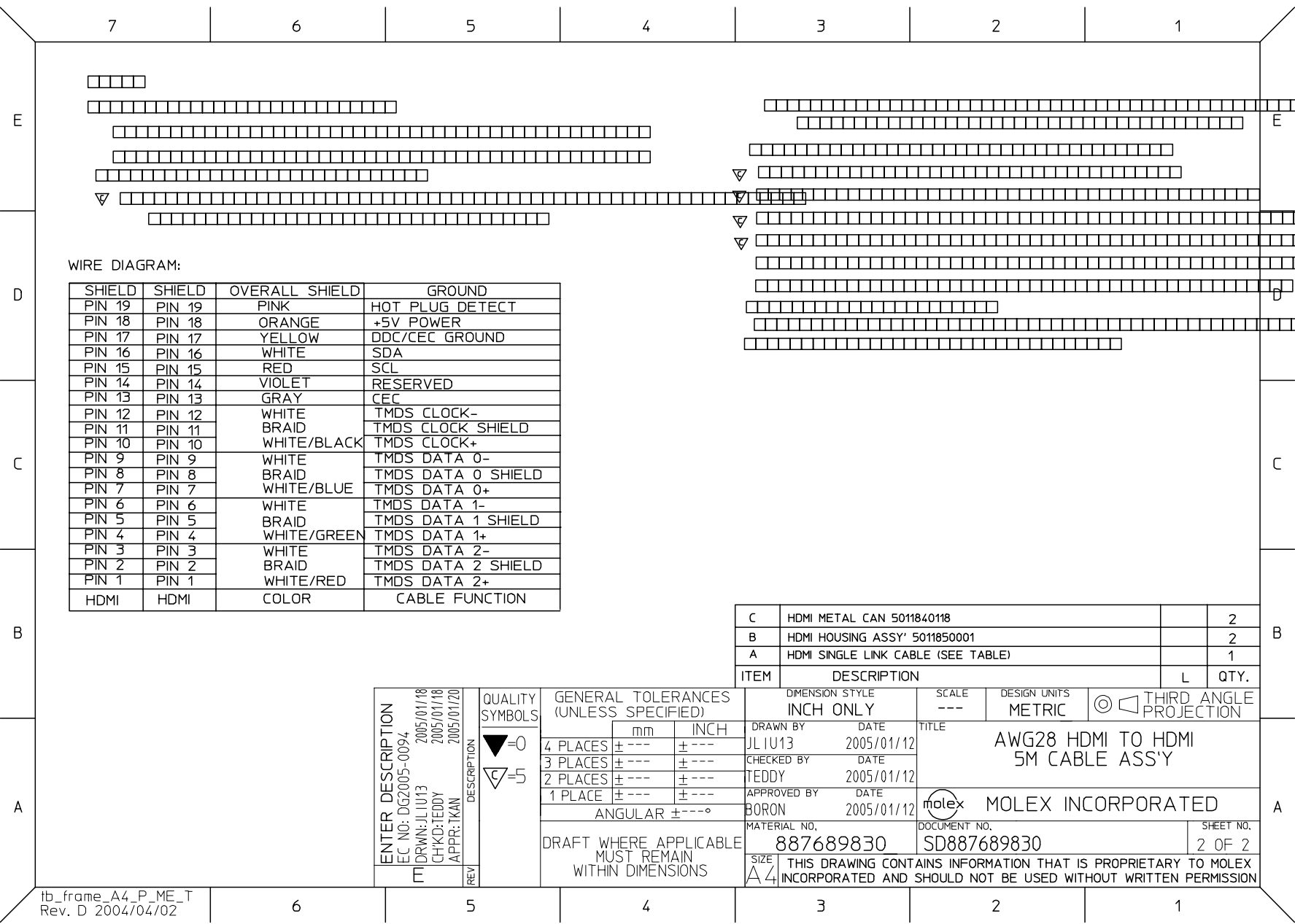
D	SMALL METAL PLATE 47152-6009		2
C	HDMI METAL CAN 47152-4001		2
B	HDMI HOUSING ASSY' 47152-1100		2
A	HDMI SINGLE LINK CABLE (SEE TABLE)		1
ITEM	DESCRIPTION	L	QTY.

ENTER DESCRIPTION EC NO: DG2006-0144 DRWN: JFZHENG CHKD: APPR: DQLUO REV		DESCRIPTION	QUALITY SYMBOLS ▽=0 C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
					mm	INCH	DRAWN BY JFZHENG	DATE 2005/12/26	TITLE AWG28 HDMI TO HDMI CABLE ASS'Y					
				4 PLACES	± ---	± ---	CHECKED BY JFZHENG	DATE 2005/12/26						
				3 PLACES	± ---	± ---	APPROVED BY DQLUO		DATE 2005/12/26	MOLEX INCORPORATED				
				2 PLACES	± ---	± ---								
				1 PLACE	± ---	± ---	MATERIAL NO. ENTER PART				DOCUMENT NO. SD-887689830		SHEET NO. 2 OF 00	
				ANGULAR ± ---°										
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										



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MX P/N DESCRIPTION		LENGTH	CABLE COLOR	CABLE OD	CABLE P/N

ENTER DESCRIPTION EC NO: DG2005-0094 DRWN:JLIU13 CHKD:TEDDY APPR:TKAN	DESCRIPTION	QUALITY SYMBOLS <div>▽=0</div> <div>▽C=0</div>	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY	DATE	TITLE AWG28 HDMI TO HDMI 5M CABLE ASS'Y				
			4 PLACES	± ---	± ---	JL IU13	2005/01/12					
			3 PLACES	± ---	± ---	CHECKED BY	DATE	MOLEX INCORPORATED				
			2 PLACES	± ---	± ---	TEDDY	2005/01/12					
			1 PLACE	± ---	± ---	APPROVED BY	DATE	DOCUMENT NO. SD887689830				
			ANGULAR ± ---°			BORON	2005/01/12					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. 887689830		SHEET NO. 1 OF 2				
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
REV												



C	HDMI METAL CAN 5011840118		2
B	HDMI HOUSING ASSY' 5011850001		2
A	HDMI SINGLE LINK CABLE (SEE TABLE)		1
ITEM	DESCRIPTION	L	QTY.
C			
B			
A			
ENTER DESCRIPTION			
EC NO: DG2005-0094			
DRWN: JLIU13			
CHKD: TEDDY			
APPR: IKAN			
REV			
QUALITY SYMBOLS			
GENERAL TOLERANCES (UNLESS SPECIFIED)			
DIMENSION STYLE			
INCH ONLY			
SCALE			

DESIGN UNITS			
METRIC			
THIRD ANGLE PROJECTION			
DRAWN BY			
DATE			
JLIU13			
2005/01/12			
CHECKED BY			
DATE			
TEDDY			
2005/01/12			
APPROVED BY			
DATE			
BORON			
2005/01/12			
MATERIAL NO.			
887689830			
DOCUMENT NO.			
SD887689830			
SHEET NO.			
2 OF 2			
SIZE			
A4			
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